

Supplementary information

Drug resistance emergence in macaques administered cabotegravir long-acting for pre-exposure prophylaxis during acute SHIV infection

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Supplementary Table 1. List of integrase mutations identified in viruses from plasma and rectal fluids from the two untreated control animals.

Macaque ID	Day	Mutation
34805 (plasma)	5	None
	28	None
	59	None
	81	None
	115	None
	144	None
	165	None
	172	None
	179	None
	186	None
34805 (rectal fluids)	7	
	26	
	59	
34319 (plasma)	5	None
	28	None
	59	I250I/V
	81	I250V
	115	I250V
	144	I250V
	172	I250V
	200	I250V
34319 (rectal fluids)	14	None
	28	None
	172	I110I/V

Supplementary Table 2. List of primers used to amplify and sequence the SIV integrase

Primer name	Sequence (5'-3')
HXB2RT-F1	TCT AGC TTT GCA GGA TTC GG
MAC239VIF-R1	CAC TGC ATA AGT ACT GAG CC
HXB2RT-F2	GAA AAG GTC TAT CTG GCA TG
MAC239VIF-R2	CTT CTA AAT GGC TTC CTT CC
HXB2RT-SEQ1	CCA GCA CAC AAA GGA ATT GG
SIVINT-SEQ3	CCT CTA GAT GGG TAC AAT
SIVINT-SEQ4	GAC CCG GTG AGC TAT TGT GG
SIVINT-SEQ5	CGG GTC TAT TAC AGA GAA GG
SIVINT-SEQ6	TTA CTC TGC TGC AGG TCC AC